

ECS Configuration Change Request

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CCR No. <u>98-0105</u>	Logged Date <u>1/27/98</u>	Rev. <u>—</u>	Request Type <u>CCR</u>
Priority <u>Routine</u> <input type="checkbox"/> <u>Urgent</u> <input type="checkbox"/> <u>Emergency</u> <input checked="" type="checkbox"/>	Affected Release <u>—</u>	Change Class <u>IN</u>	
Title (description) <u>7.2 COMPILERS</u>			
Documents Affected <u>910-TDA-003</u>		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference <u>N/A</u>	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem Instrument teams have requested that the FORTRAN compiler on SGI be upgraded to 7.2. SED has already submitted a CCR for this purpose. A feasibility study needs to be conducted to assess the impact to the system on account of this change in the IDG test environment. <u>C++ upgrade too.</u>			
Proposed Solution An SGI machine (s0mog01) has been loaned to IDG by M&O for this study. We propose to load this machine with the 7.2 compiler and the related patches and use it to test the impacts. A test plan has already been formulated in consultation with SED, Systems Engineering and the Development Organization. We intend to conduct these tests over a period of two weeks as soon as the compiler has been installed. Related CCR 97-1737 (D. Manion) <u>Need Date: 1/28/98</u>			
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/>			
Cost: None <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input type="checkbox"/> Other <input type="checkbox"/>			
Additional LOC _____ Man-Months _____ Materials _____			
Originator <u>Vidya Sagar</u>		<u>S.R.K. Vidya Sagar</u> <u>1/27/98</u> Signature Date	
Office _____ Office Manager		<u>R.B. Johnson</u> <u>1/27/98</u> Signature Date	
Disposition Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/> Comments: CCB Chairperson <u>Karl Latt</u> <u>28 Jan 98</u> Signature Date			

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